

Figure 1: Water vapor adsorption on unmodified Black Pearls 430 carbon black and on various ionic forms of modified material

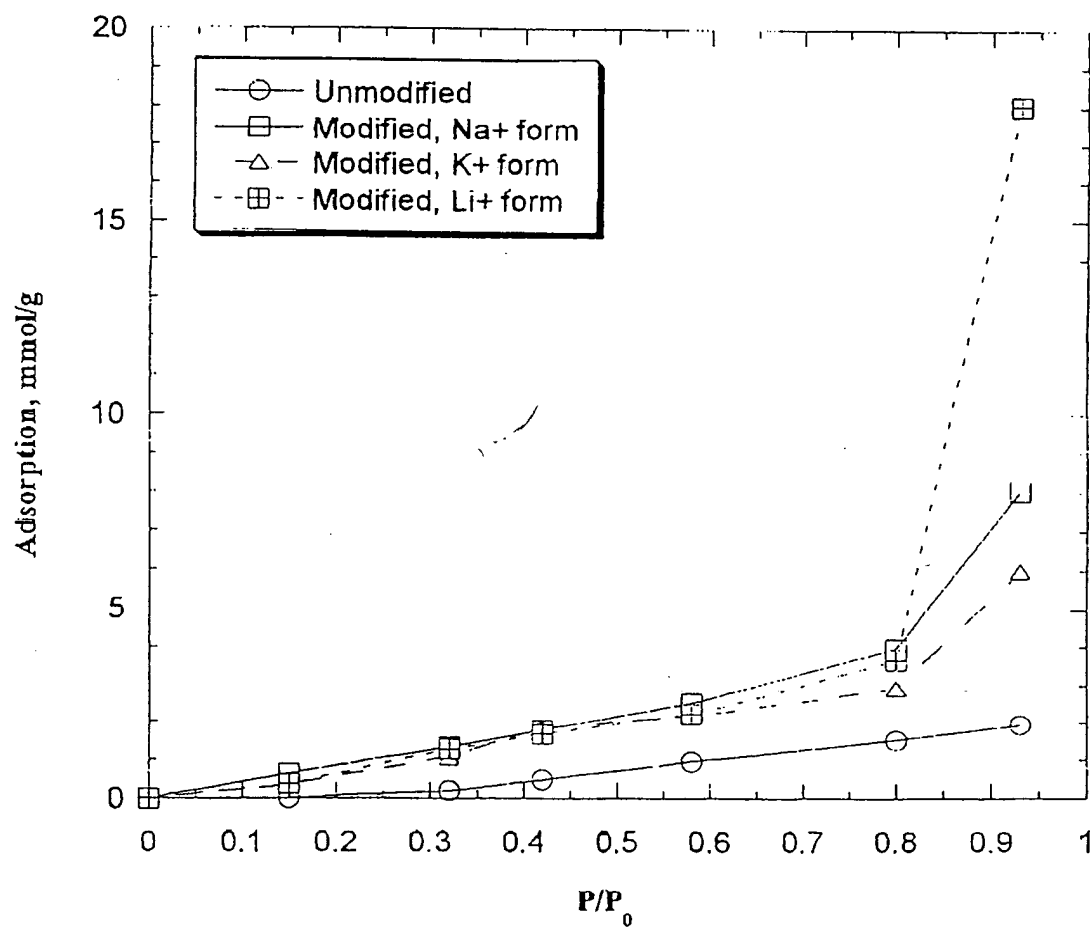


Figure 3: Water vapor adsorption per unit surface area for unmodified and modified Black Pearls 430 carbon black

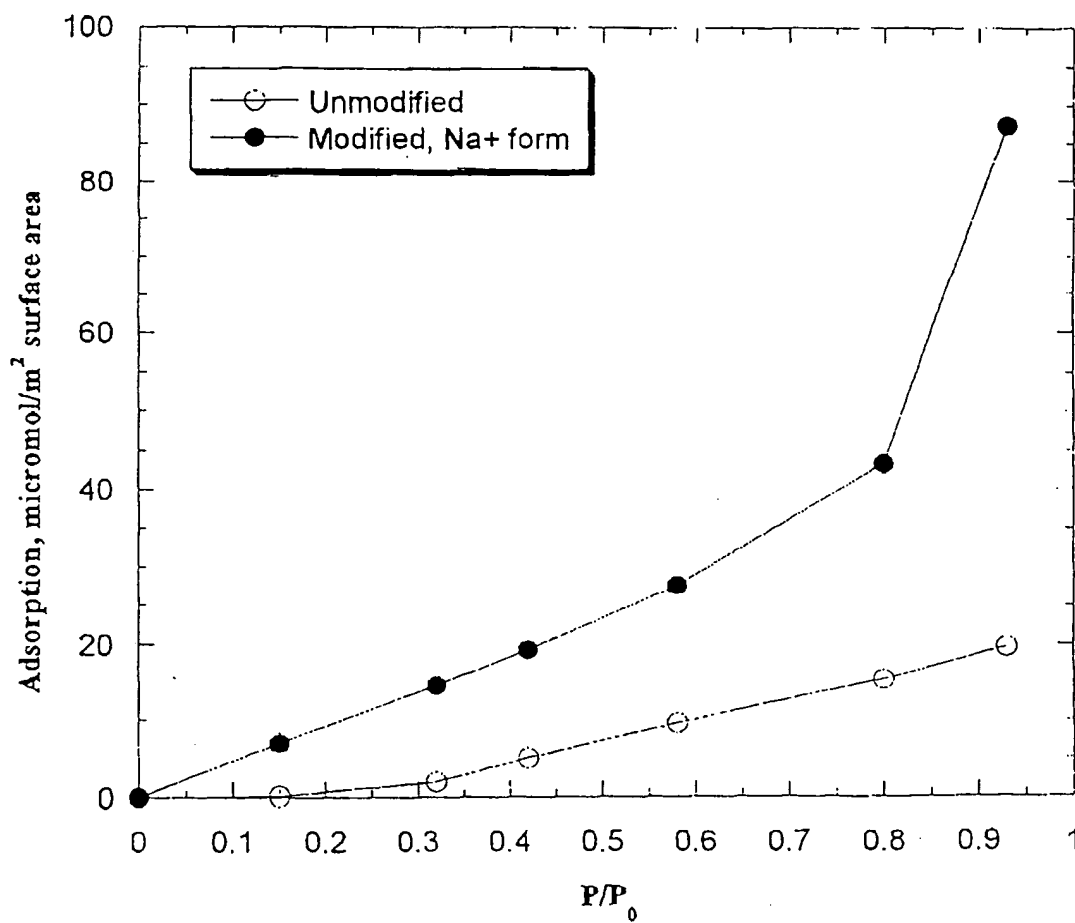


Figure 4: Water vapor adsorption per unit surface area for unmodified and modified Darco S51 activated carbon

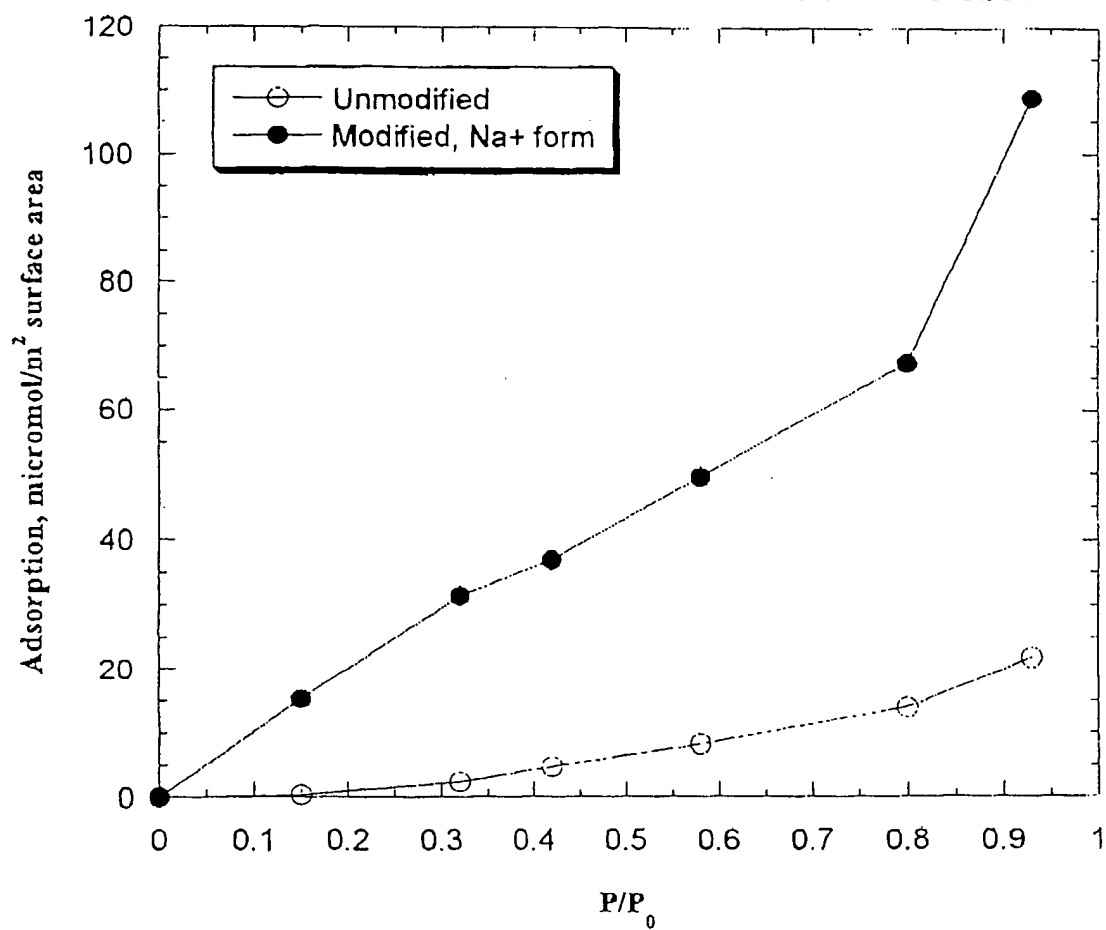


Figure 5: Adsorption of CO_2 at 273 K on unmodified and modified Black Pearls 430 carbon black

